



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : David A. Wright et al. Art Unit : 1636
Serial No. : 10/799,870 Examiner : David Guzo
Filed : March 12, 2004
Title : PLANT RETROELEMENTS AND METHODS RELATED THERETO

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Copies of the references listed on the attached form PTO-1449 are enclosed.

This statement is being filed after a first Office action on the merits, but before receipt of a final Office action or a Notice of Allowance. A check for \$180 in payment of the late submission fee of §1.17(p) is enclosed. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: November 5, 2004

Elizabeth N. Kaytor
Elizabeth N. Kaytor, Ph.D.
Reg. No. 53,103

Fish & Richardson P.C., P.A.
60 South Sixth Street, Suite 3300
Minneapolis, MN 55402
Telephone: (612) 335-5070
Facsimile: (612) 288-9696
60255791.doc

11/26/2004 HALI11 00000057 10799870

01 FC:1806

180.00 DP

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

November 5, 2004

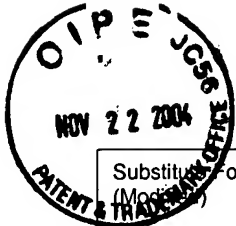
Date of Deposit

Signature

Theresa M. Popchn

Theresa M. Popchn

Typed or Printed Name of Person Signing Certificate



Substitute Form PTO-1449 (Mandatory)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 08411-032002	Application No. 10/799,870
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant David A. Wright et al.	
		Filing Date March 12, 2004	Group Art Unit 1636

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	4,683,195	07/28/87	Mullis et al.			
	AB	4,873,191	10/10/89	Wagner et al.			
	AC	5,070,020	12/03/91	Ingolia et al.			
	AD	5,204,253	04/20/93	Sanford et al.			
	AE	5,252,726	10/12/93	Wöldike			
	AF	5,792,932	08/11/98	Marco et al.			
	AG	5,866,793	02/02/99	Baga et al.			
	AH	6,005,092	12/21/99	Shoseyov et al.			
	AI	6,013,863	01/11/00	Lundquist et al.			
	AJ	6,054,635	04/25/00	Bestwick et al.			
	AK	6,184,443	02/06/01	Pedersen et al.			
	AL	6,331,662	12/18/01	Wright et al.			

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AM							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AN	GenBank Accession No. AB005247 dated 02/14/04
	AO	GenBank Accession No. AB005248 dated 02/14/04
	AP	GenBank Accession No. AF096096 dated 01/25/99
	AQ	GenBank Accession No. AF129516 dated 04/06/99
	AR	GenBank Accession No. AF233296 dated 04/24/00
	AS	GenBank Accession No. AJ000640 dated 05/27/98
	AT	GenBank Accession No. AL161566 dated 03/16/00
	AU	GenBank Accession No. B62585 dated 11/20/97
	AV	GenBank Accession No. D50643 dated 03/23/02

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 08411-032002	Application No. 10/799,870
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant David A. Wright et al.	
		Filing Date March 12, 2004	Group Art Unit 1636

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AW	GenBank Accession No. J02798 dated 10/11/01
	AX	GenBank Accession No. J05212 dated 06/01/95
	AY	GenBank Accession No. K00821 dated 04/27/93
	AZ	GenBank Accession No. L05934 dated 10/22/93
	AAA	GenBank Accession No. M28156 dated 10/06/94
	ABB	GenBank Accession No. M63985 dated 04/27/93
	ACC	GenBank Accession No. S44893 dated 05/08/93
	ADD	GenBank Accession No. U09119 dated 07/24/01
	AEE	GenBank Accession No. U39944 dated 02/04/03
	AFF	GenBank Accession No. U68402 dated 11/04/96
	AGG	GenBank Accession No. U76670 dated 01/23/97
	AHH	GenBank Accession No. U93215 dated 02/27/02
	AII	GenBank Accession No. X15121 dated 02/10/99
	AJJ	GenBank Accession No. Z17657 dated 11/10/92
	AKK	Abler et al., "Isolation and characterization of a genomic sequence encoding the maize <i>Cat3</i> catalase gene," <u>Plant Mol. Biol.</u> , 1993, 22:1031-1038
	ALL	Altschul et al., "Basic Local Alignment Search Tool," <u>J. Mol. Biol.</u> , 1990, 215:403-410
	AMM	Bezerra et al., "A corm-specific gene encodes tarin, a major globulin of taro (<i>Colocasia esculenta</i> L. Schott)," <u>Plant Mol. Biol.</u> , 1995, 28:137-144
	ANN	Bhattacharyya et al., "A <i>copia</i> -like retrotransposon <i>Tgmr</i> closely linked to the <i>Rps1-k</i> allele that confers race-specific resistance of soybean to <i>Phytophthora sojae</i> ," <u>Plant Mol. Biol.</u> , 1997, 34:255-264
	AOO	Blume and Grierson, "Expression of ACC oxidase promoter-GUS fusions in tomato and <i>Nicotiana plumbaginifolia</i> regulated by developmental and environmental stimuli," <u>Plant J.</u> , 1997, 12:731-746
	APP	Bossinger and Smyth, "Initiation patterns of flower and floral organ development in <i>Arabidopsis thaliana</i> ," <u>Development</u> , 1996, 122:1093-1102
	AQQ	Boyko et al., "A high-density cytogenetic map of the <i>Aegilops tauschii</i> genome incorporating retrotransposons and defense-related genes: insights into cereal chromosome structure and function," <u>Plant Mol. Biol.</u> , 2002, 48:767-790
	ARR	Braiterman and Boeke, "Ty1 In Vitro Integration: Effects of Mutations in <i>cis</i> and in <i>trans</i> ," <u>Mol. Cell. Biol.</u> , 1994, 14:5731-5740
	ASS	Brunak et al., "Prediction of Human mRNA Donor and Acceptor Sites from the DNA Sequence," <u>J. Mol. Biol.</u> , 1991, 220:49-65
	ATT	Busk et al., "Regulatory elements <i>in vivo</i> in the promoter of the abscisic acid responsive gene <i>rab17</i> from maize," <u>Plant J.</u> , 1997, 11:1285-1295

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 08411-032002	Application No. 10/799,870
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant David A. Wright et al.	
		Filing Date March 12, 2004	Group Art Unit 1636

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AUU	Bustos et al., "Regulation of β -Glucuronidase Expression in Transgenic Tobacco Plants by an A/T-Rich, <i>cis</i> -Acting Sequence Found Upstream of a French Bean β -Phaseolin Gene," <u>Plant Cell</u> , 1989, 1:839-853
	AVV	Casal et al., "Different Phototransduction Kinetics of Phytochrome A and Phytochrome B in <i>Arabidopsis thaliana</i> ," <u>Plant Physiol.</u> , 1998, 116:1533-1538
	AWW	Chapman et al., "Initiator methionine tRNA is essential for Ty1 transposition in yeast," <u>Proc. Natl. Acad. Sci. USA</u> , 1992, 89:3236-3240
	AXX	Chavanne et al., "Structure and evolution of <i>Cyclops</i> : a novel giant retrotransposition of the Ty3/Gypsy family highly amplified in pea and other legume species," <u>Plant Mol. Biol.</u> , 1998, 37:363-375
	AYY	Chen et al., "Construction of a Soybean Genomic & Root cDNA Library from <i>Phytophthora</i> Resistance Line L85-3044," <u>Soybean Genetics Newsletter</u> , 1998, 25:132-135
	AZZ	Choi et al., "DEMETER, a DNA Glycosylase Domain Protein, Is Required for Endosperm Gene Imprinting and Seed Viability in <i>Arabidopsis</i> ," <u>Cell</u> , 2002, 110:33-42
	AAAA	Choi et al., "Tissue-specific and developmental regulation of a gene encoding a low molecular weight sulfur-rich protein in soybean seeds," <u>Mol. Gen. Genet.</u> , 1995, 246:266-268
	ABBB	Christou et al., "Stable transformation of soybean by electroporation and root formation from transformed callus," <u>Proc. Natl. Acad. Sci. USA</u> , 1987, 84:3962-3966
	ACCC	Church and Gilbert, "Genomic sequencing," <u>Proc. Natl. Acad. Sci. USA</u> , 1984, 81:1991-1995
	ADDD	Concelção and Krebbers, "A cotyledon regulatory region is responsible for the different spatial expression patterns of <i>Arabidopsis</i> 2S albumin genes," <u>Plant J.</u> , 1994, 5:493-505
	AEEE	Daboussi, "Fungal transposable elements and genome evolution," <u>Genetica</u> , 1997, 100:253-260
	AFFF	Dasgupta et al., "Cloning and sequencing of 5' flanking sequence from the gene encoding 2S storage protein, from two <i>Brassica</i> species," <u>Gene</u> , 1993, 133:301-302
	AGGG	de Castro et al., "Spatial and Temporal Gene Expression Patterns Occur during Corm Development," <u>Plant Cell</u> , 1992, 4:1549-1559
	AHHH	Devereux et al., "A comprehensive set of sequence analysis programs for the VAX," <u>Nucl. Acids. Res.</u> , 1984, 12:387-395
	AIII	Di Laurenzio et al., "The SCARECROW Gene Regulates an Asymmetric Cell Division that is Essential for Generating the Radial Organization of the <i>Arabidopsis</i> Root," <u>Cell</u> , 1996, 86:423-433
	AJJJ	Ellis et al., "Polymorphism of insertion sites of Ty1-copia class retrotransposon and its use for linkage and diversity analysis in pea," <u>Mol. Gen. Genet.</u> , 1998, 260:9-19
	AKKK	Enjuto et al., "Expression of the <i>Arabidopsis</i> HMG2 Gene, Encoding 3-hydroxy-3-Methylglutaryl Coenzyme A Reductase, Is Restricted to Meristematic and Floral Tissues," <u>Plant Cell</u> , 1995, 7:517-527
	ALLL	Ficker et al., "A promoter directing high level expression in pistils of transgenic plants," <u>Plant Mol. Biol.</u> , 1997, 35:425-431
	AMMM	Flavell et al., "Retrotransposon-based insertion polymorphisms (RBIP) for high throughput marker analysis," <u>Plant J.</u> , 1998, 16(5):643-650
	ANNN	Grandbastien, "Retroelements in higher plants," <u>TIG</u> , 1992, 8(3):103-108
	AOOO	Granger et al., "Isolation of an <i>Arabidopsis</i> homologue of the maize homeobox <i>Knotted-1</i> gene," <u>Plant Mol. Biol.</u> , 1996, 31:373-378
Examiner Signature		Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 08411-032002	Application No. 10/799,870
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant David A. Wright et al.	
		Filing Date March 12, 2004	Group Art Unit 1636

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	APPP	Green et al., "Binding site requirements for pea nuclear protein factor GT-1 correlate with sequences required for light-dependent transcriptional activation of the <i>rbcS-3A</i> gene," <u>EMBO J.</u> , 1988, 7:4035-4044
	AQQQ	Guerrero et al., "Promoter sequences from a maize pollen-specific gene direct tissue-specific transcription in tobacco," <u>Mol. Gen. Genet.</u> , 1990, 224:161-168
	ARRR	Gustafson-Brown et al., "Regulation of the Arabidopsis Floral Homeotic Gene <i>APETALA1</i> ," <u>Cell</u> , 1994, 76:131-143
	ASSS	Hake et al., "Homeobox genes in the functioning of plant meristems," <u>Phil. Trans. R. Soc. Lond. B.</u> , 1995, 350:45-51
	ATTT	Hansen et al., "Wound-inducible and organ-specific expression of ORF13 from <i>Agrobacterium rhizogenes</i> 8196 T-DNA in transgenic tobacco plants," <u>Mol. Gen. Genet.</u> , 1997, 254:337-343
	AUUU	Hebsgaard et al., "Splice site prediction in <i>Arabidopsis thaliana</i> pre-mRNA by combining local and global sequence information," <u>Nucl. Acids Res.</u> , 1996, 24:3439-3452
	AVVV	Hofmann and Stoffel, "A Database of Membrane Spanning Protein Segments," <u>J. Biol. Chem.</u> , 1993, 374:166, Abstract No. MF C-35
	AWWW	Hu et al., " <i>Zeon-1</i> , a member of a new maize retrotransposon family," <u>Mol. Gen. Genet.</u> , 1995, 248:471-480
	AXXX	Jofuku et al., "Control of Arabidopsis Flower and Seed Development by the Homeotic Gene <i>APETALA2</i> ," <u>Plant Cell</u> , 1994, 6:1211-1225
	AYYY	Jordano et al., "A Sunflower Helianthinin Gene Upstream Sequence Ensemble Contains an Enhancer and Sites of Nuclear Protein Interaction," <u>Plant Cell</u> , 1989, 1:855-866
	AZZZ	Josefsson et al., "Structure of a Gene Encoding the 1.7 S Storage Protein, Napin, from <i>Brassica napus</i> ," <u>J. Biol. Chem.</u> , 1987, 262:12196-12201
	AAAAA	Kerstetter et al., "Sequence Analysis and Expression Patterns Divide the Maize <i>knotted1</i> -like Homeobox Genes into Two Classes," <u>Plant Cell</u> , 1994, 6:1877-1887
	ABBBB	Kim et al., "Nuclear protein factors binding to a class I patatin promoter region are tuber-specific and sucrose-inducible," <u>Plant Mol. Biol.</u> , 1994, 26:603-615
	ACCCC	Koltunow et al., "Different Temporal and Spatial Gene Expression Patterns Occur during Anther Development," <u>Plant Cell</u> , 1990, 2:1201-1224
	ADDDD	Kulikauskas and McCormick, "Identification of the tobacco and <i>Arabidopsis</i> homologues of the pollen-expressed <i>LAT59</i> gene of tomato," <u>Plant Mol. Biol.</u> , 1997, 34:809-814
	AEEEE	Kumagai et al., "Cytoplasmic inhibition of carotenoid biosynthesis with virus-derived RNA," <u>Proc. Natl. Acad. Sci. USA</u> , 1995, 92:1679-1683
	AFFFF	Kumar and Bennetzen, "Plant Retrotransposons," <u>Annu. Rev. Genet.</u> , 1999, 33:479-532
	AGGGG	Lee and Huang, "Genes encoding oleosins in maize kernel of inbreds Mo17 and B73," <u>Plant Mol. Biol.</u> , 1994, 26:1981-1987
	AHHHH	Li et al., "A novel <i>myb</i> -related gene from <i>Arabidopsis thaliana</i> ," <u>FEBS Lett.</u> , 1996, 379:117-121
	AIIII	Lincoln et al., "A <i>knotted1</i> -like Homeobox Gene in Arabidopsis Is Expressed in the Vegetative Meristem and Dramatically Alters Leaf Morphology When Overexpressed in Transgenic Plants," <u>Plant Cell</u> , 1994, 6:1859-1876
	AJJJJ	Lo, "Transformation by Iontophoretic Microinjection of DNA: Multiple Integrations Without Tandem Insertions," <u>Mol. Cell. Biol.</u> , 1983, 3:1803-1814

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 08411-032002	Application No. 10/799,870
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant David A. Wright et al.	
		Filing Date March 12, 2004	Group Art Unit 1636

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AKKKK	Long et al., "A member of the KNOTTED class of homeodomain proteins encoded by the <i>STM</i> gene of <i>Arabidopsis</i> ," <u>Nature</u> , 1996, 379:66-69
	ALLLL	Lotan et al., " <i>Arabidopsis</i> LEAFY COTYLEDON1 Is Sufficient to Induce Embryo Development in Vegetative Cells," <u>Cell</u> , 1998, 93:1195-1205
	AMMMM	Lowe and Eddy, "tRNAscan-SE: a program for improved detection of transfer RNA genes in genomic sequence," <u>Nucl. Acids Res.</u> , 1997, 25:955-964
	ANNNN	Malik et al., "Poised for Contagion: Evolutionary Origins of the Infectious Abilities of Invertebrate Retroviruses," <u>Genome Res.</u> , 2000, 10:1307-1318
	AOOOO	Mandel et al., "Molecular characterization of the <i>Arabidopsis</i> floral homeotic gene <i>APETALA1</i> ," <u>Nature</u> , 1992, 360:273-277
	APPPP	Marquet et al., "tRNAs as primer of reverse transcriptases," <u>Biochimie</u> , 1995, 77:113-124
	AQQQQ	Martin et al., "Identification of mutants in metabolically regulated gene expression," <u>Plant J.</u> , 1997, 11:53-62
	ARRRR	Matsuoka et al., "The promoters of two carboxylases in a C ₄ plant (maize) direct cell-specific, light-regulated expression in a C ₃ plant (rice)," <u>Plant J.</u> , 1994, 6:311-319
	ASSSS	Meier et al., "Elicitor-Inducible and Constitutive in Vivo DNA Footprints Indicate Novel <i>cis</i> -Acting Elements in the Promoter of a Parsley Gene Encoding Pathogenesis-Related Protein 1," <u>Plant Cell</u> , 1991, 3:309-315
	ATTTT	Meier et al., "The tomato RBCS3A promoter requires integration into the chromatin for correct organ-specific regulation," <u>FEBS Lett.</u> , 1997, 415:91-95
	AUUUU	Meinkoth et al., "Hybridization of Nucleic Acids Immobilized on Solid Supports," <u>Anal. Biochem.</u> , 1984, 138:267-284
	AVVVV	Nakai and Horton, "PSORT: a program for detecting sorting signals in proteins and predicting their subcellular localization," <u>TIBS</u> , 1999, 24:34-35
	AWWWW	Paul et al., "The isolation and characterization of the tapetum-specific <i>Arabidopsis thaliana</i> A9 gene," <u>Plant Mol. Biol.</u> , 1992, 19:611-622
	AXXXX	Pearce et al., "Pea Ty1- <i>copia</i> group retrotransposons: transpositional activity and use as markers to study genetic diversity in <i>Pisum</i> ," <u>Mol. Gen. Genet.</u> , 2000, 263:898-907
	AYYYY	Pearce et al., "Rapid isolation of plant Ty1- <i>copia</i> group retrotransposon LTR sequences for molecular marker studies," <u>Plant J.</u> , 1999, 19:711-717
	AZZZZ	Peleman et al., "Transient occurrence of extrachromosomal DNA of an <i>Arabidopsis thaliana</i> transposon-like element, <i>Tat1</i> ," <u>Proc. Natl. Acad. Sci. USA</u> , 1991, 88:3618-3622
	AAAAAA	Pélissier et al., " <i>Athlia</i> , a new retroelement from <i>Arabidopsis thaliana</i> ," <u>Plant Mol. Biol.</u> , 1995, 29:441-452
	ABBBB	Peterson-Burch et al., "Retroviruses in plants?" <u>Trends in Genet.</u> , 2000, 16:151-152
	ACCCCC	Purugganan and Wessler, "Transposon signatures: species-specific molecular markers that utilize a class of multiple-copy nuclear DNA," <u>Molecular Ecology</u> , 1995, 4:265-269
	ADDDDD	Ray, " <i>Arabidopsis</i> floral homeotic gene (<i>BEL1</i>) controls ovule development through negative regulation of AGAMOUS gene (AG)," <u>Proc. Natl. Acad. Sci. USA</u> , 1994, 91:5761-5765
	AEEEE	Reiser et al., "The <i>BELL1</i> Gene Encodes a Homeodomain Protein Involved in Pattern Formation in the <i>Arabidopsis</i> Ovule Primordium," <u>Cell</u> , 1995, 83:735-742

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 08411-032002	Application No. 10/799,870
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant David A. Wright et al.	
		Filing Date March 12, 2004	Group Art Unit 1636

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AFFFFF	Rost et al., "Taxonomy of Retroviruses," <u>Molecular Biology of Tumor Viruses – RNA Tumor Viruses</u> , 1984, 2 nd edition, Weiss et al. (eds.), Cold Spring Harbor Laboratory Press, Cold Spring Harbor, NY, pp. 25-207
	AGGGGC	Rost et al., "Transmembrane helices predicted at 95% accuracy," <u>Prot. Science</u> , 1995, 4:521-533
	AHHHHH	Saitou and Nei, "The Neighbor-joining Method: A New Method for Reconstructing Phylogenetic Trees," <u>Mol. Biol. Evol.</u> , 1987, 4:406-425
	AIIIII	SanMiguel et al., "Nested Retrotransposons in the Intergenic Regions of the Maize Genome," <u>Science</u> , 1996, 274:765-768
	AJJJJJ	Sheridan et al., "The <i>mac1</i> Gene: Controlling the Commitment to the Meiotic Pathway in Maize," <u>Genetics</u> , 1996, 142:1009-1020
	AKKKKK	Shina et al., "Identification of Promoter Elements Involved in the Cytosolic Ca ²⁺ -Mediated Photoregulation of Maize <i>cab-m1</i> Expression," <u>Plant Physiol.</u> , 1997, 115:477-483
	ALLLLL	Sjödahl et al., "Deletion analysis of the <i>Brassica napus</i> cruciferin gene <i>cru 1</i> promoter in transformed tobacco: promoter activity during early and late stages of embryogenesis is influenced by <i>cis</i> -acting elements in partially separate regions," <u>Planta</u> , 1995, 197:264-271
	AMMMMM	Smyth et al., "Plant retrotransposon from <i>Lilium henryi</i> is related to <i>Ty3</i> of yeast and the gypsy group of <i>Drosophila</i> ," <u>Proc. Natl. Acad. Sci. USA</u> , 1989, 86:5015-5019
	ANNNNN	Su and Brown, " <i>Ty3/gypsy</i> -like Retrotransposon Sequences in Tomato," <u>Plasmid</u> , 1997, 38:148-157
	AOOOOO	Thompson et al., "CLUSTAL W: improving the sensitivity of progressive multiple sequence alignment through sequence weighting, position-specific gap penalties and weight matrix choice," <u>Nucl. Acids. Res.</u> , 1994, 22:4673-4680
	APPPPP	Thompson et al., "Germ Line Transmission and Expression of a Corrected HPRT Gene Produced by Gene Targeting in Embryonic Stem Cells," <u>Cell</u> , 1989, 56:313-321
	AQQQQQ	Thomson et al., "The CLUSTAL X windows interface: flexible strategies for multiple sequence alignment aided by quality analysis tools," <u>Nucl. Acids. Res.</u> , 1997, 25:4876-4882
	ARRRRR	Tinland et al., " <i>Agrobacterium tumefaciens</i> transfers single-stranded transferred DNA (T-DNA) into the plant cell nucleus," <u>Proc. Natl. Acad. Sci. USA</u> , 1994, 91:8000-8004
	ASSSSS	Töpfer et al., "Uptake and Transient Expression of Chimeric Genes in Seed-Derived Embryos," <u>Plant Cell</u> , 1989, 1:133-139
	ATTTTT	Treacy et al., " <i>Bnm 1</i> , a <i>Brassica</i> pollen-specific gene," <u>Plant Mol. Biol.</u> , 1997, 34:603-611
	AUUUUU	Tsuchiya et al., "Tapetum-Specific Expression of the Gene for an Endo-β-1,3-glucanase Causes Male Sterility in Transgenic Tobacco," <u>Plant Cell Physiol.</u> , 1995, 36:487-494
	AVVVVV	Urao et al., "Molecular cloning and characterization of a gene that encodes a MYC-related protein in <i>Arabidopsis</i> ," <u>Plant Mol. Biol.</u> , 1996, 32:571-576
	AWWWWW	Van der Putten et al., "Efficient insertion of genes into the mouse germ line via retroviral vectors," <u>Proc. Natl. Acad. Sci. USA</u> , 1985, 82:6148-6152
	AXXXXX	Varmus and Brown, "Retroviruses," <u>Mobile DNA</u> , 1989, Berg and Howe (eds.), American Society for Microbiology, Washington, DC, pp. 53-108
	AYYYYY	Verbruggen et al., "Osmoregulation of a Pyrroline-5-Carboxylate Reductase Gene in <i>Arabidopsis thaliana</i> ," <u>Plant Physiol.</u> , 1993, 103:771-781
	AZZZZZ	Verdaguer, "Isolation and expression in transgenic tobacco and rice plants, of the cassava vein mosaic virus (CVMV) promoter," <u>Plant Mol. Biol.</u> , 1996, 31:1129-1139

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 08411-032002	Application No. 10/799,870
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant David A. Wright et al.	
		Filing Date March 12, 2004	Group Art Unit 1636

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AAAAAA	Vicient et al., "Envelope-Class Retrovirus-Like Elements Are Widespread, Transcribed and Spliced, and Insertionally Polymorphic in Plants," <u>Genome Res.</u> , 2001, 11:2041-2049
	BBBBBB	Von Heijne, "A new method for predicting signal sequence cleavage sites," <u>Nucl. Acids. Res.</u> , 1986, 14:4683-4690
	CCCCCC	Voytas and Naylor, "Rapid flux in plant genomes," <u>Nature Genetics</u> , 1998, 20:6-7
	DDDDDD	Voytas, "Retroelements in Genome Organization," <u>Science</u> , 1996, 274:737-738
	EEEEEE	Wakayama et al, "Full-term development of mice from enucleated oocytes injected with cumulus cell nuclei," <u>Nature</u> , 1998, 394:369-374
	FFFFFF	Wakeley et al., "A maize pectin methylesterase-like gene, ZmC5, specifically expressed in pollen," <u>Plant Mol. Biol.</u> , 1998, 37:187-192
	GGGGGG	Wessler et al., "LTR-retrotransposons and MITEs: important players in the evolution of plant genomes," <u>Curr. Opin. Genet. Dev.</u> , 1995, 5(6):814-821
	HHHHHH	Weterings et al., "Regional Localization of Suspensor mRNAs during Early Embryo Development," <u>Plant Cell</u> , 2001, 13:2409-2425
	IIIIII	Wilmut et al., "Viable offspring derived from fetal and adult mammalian cells," <u>Nature</u> , 1997, 385:810-813
	JJJJJJ	Wright and Voytas, " <i>Athila4</i> of <i>Arabidopsis</i> and <i>Calypso</i> of Soybean Define a Lineage of Endogenous Plant Retroviruses," <u>Genome Research</u> , 2001, 12:122-131
	KKKKKK	Wright et al., "Multiple Non-LTR Retrotransposons in the Genome of <i>Arabidopsis thaliana</i> ," <u>Genetics</u> , 1996, 142:569-578
	LLLLLL	Yamamoto et al., "Characterization of <i>cis</i> -Acting Sequences Regulating Root-Specific Gene Expression in Tobacco," <u>Plant Cell</u> , 1991, 3:371-382
	MMMMMM	Yu and Wise, "An anchored AFLP-and retrotransposon-based map of diploid <i>Avena</i> ," <u>Genome</u> , 2000, 43:736-749
	NNNNNN	Zambryski, "Chronicles from the <i>Agrobacterium</i> -Plant Cell DNA Transfer Story," <u>Ann. Rev. Plant Mol.</u> , 1992, 43:465-490
	OOOOOO	Zhang et al., "DNA Sequences That Activate Isocitrate Lyase Gene Expression during Late Embryogenesis and during Postgerminative Growth," <u>Plant Physiol.</u> , 1996, 110:1069-1079
	PPPPPP	Ficker et al., "Multiple elements of the S2-Rnase promoter from potato (<i>Solanum tuberosum</i> L.) are required for cell type-specific expression in transgenic potato and tobacco," <u>Mol. Gen. Genet.</u> , 1998, 257:132-142

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	